



QU-18S

v1.3 HDMI 1 to 8 Rack

Mountable Distribution Amplifier

OPERATION MANUAL





Table of Contents

1.	Introduction	1
2.	Features	1
3.	Operation Controls and Functions	2
3.1	Front Panel Diagram	2
3.2	Rear Panel Diagram	3
4.	Connection Diagram	4
5.	Specifications	5





1. Introduction

The QU-18S HDMI Distribution Amplifier has a single HDMI input with 8 HDMI outputs. The Silicon Image chipset based splitter is compatible with both Deep Colour (10 & 12bit) and HD Audio. It boasts an extended HDMI output range of up to 20 metres. EDID management is handled by a simple switch. A common application of this product is in commercial and residential installations where one HDMI source is required at multiple HDTV's.

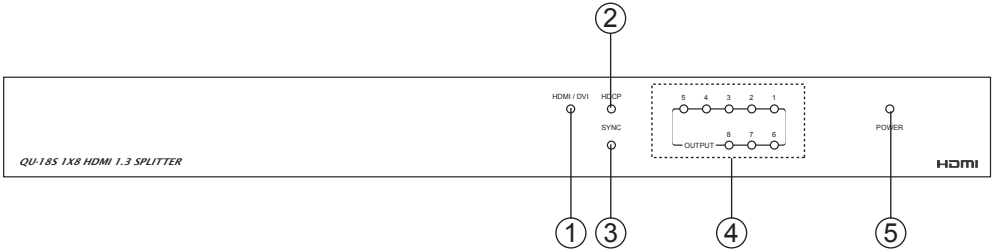
2. Features

- Compliant with v1.3 HDMI, HDCP 1.1 and DVI 1.1 standards.
- HDMI 1 to 8 Splitter.
- Resolutions Supported:
 - PC: VGA to UXGA
 - HDTV: 480i to 1080p, plus 1080p24fps.
- High Definition Audio supported: Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio, plus LPCM (32-192KHz sample rate).
- Auto signal amplification & equalisation improves signal transmission distances.
- Support CEC bypass.
- Supports 'Deep Colour' (10 & 12 bit).
- Selectable EDID settings - TV (downstream) and STD (fixed).
- Power, HDMI/DVI, HDCP & SYNC, plus independant output LED indicators.



3. Operation Controls and Functions

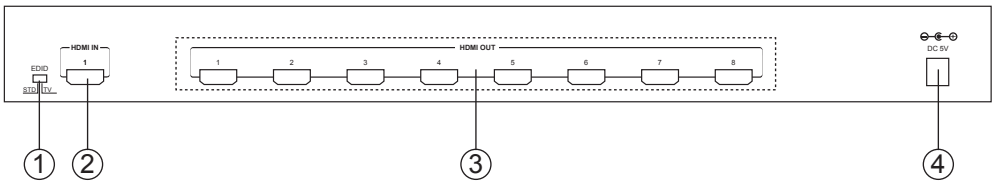
3.1 Front Panel



1. HDMI/DVI Indicator: The LED will illuminate when the selected HDMI input source is originally from a HDMI output. The LED will not illuminate when the signal originates from a DVI source.
2. HDCP Indicator: The LED will illuminate when the selected HDMI input source is HDCP protected.
3. SYNC Indicator: The LED will illuminate when the selected HDMI input connects to a HDMI or DVI output correctly.
4. HDMI Output Indicator: The LED will illuminate when the output sources are connected.
5. POWER Indicator: The Power LED will illuminate when the power is On.



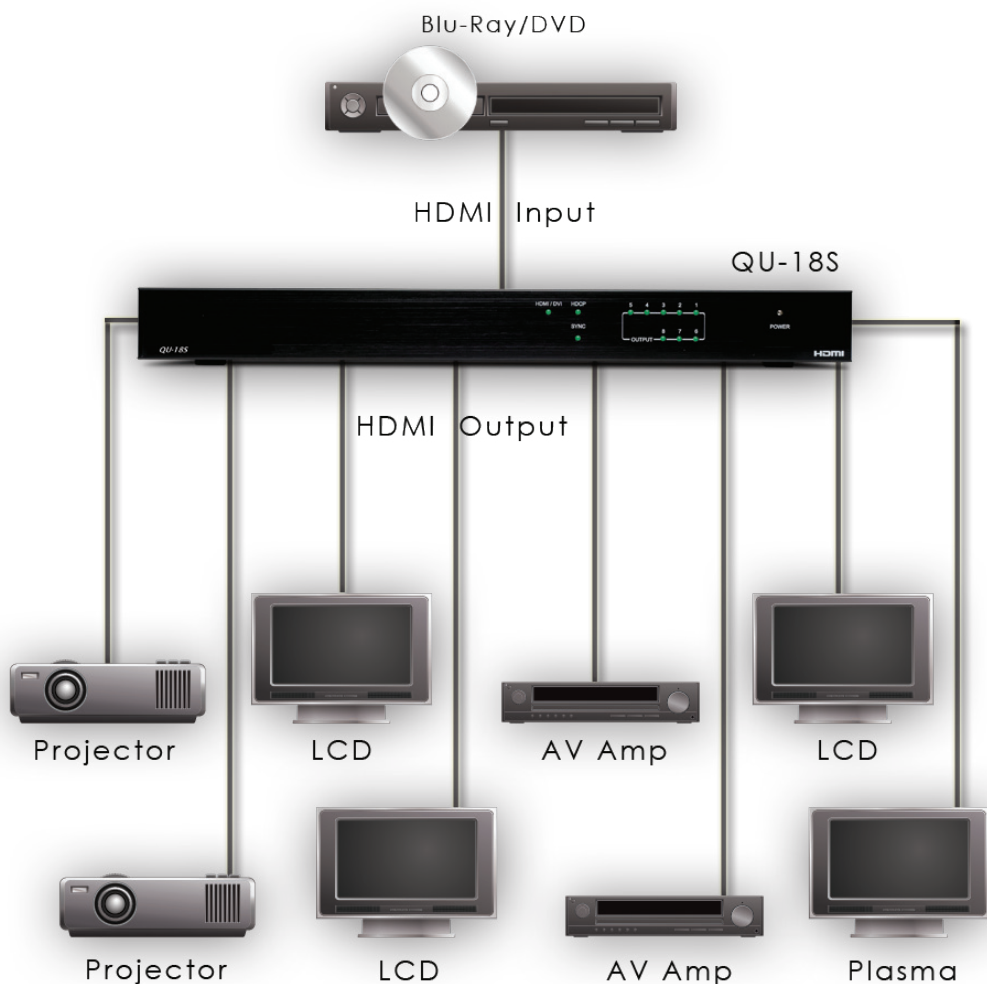
3.2 Rear Panel



1. **EDID Control Switch:** Default setting is TV (downstream). In this mode the QU-18S will search all output ports (starting at output 1) for the highest video/audio settings connected to each of the outputs. The detection priority of the matrix is v1.3 HDMI, v1.2 HDMI, DVI. Switch to STD (fixed EDID) if you have any issues with the default setting (TV). When switching to STD, please ensure that the unit is powered OFF, then ON again, for the setting to be made. By changing to STD, this will force the source to be configured as standard stereo (PCM) Audio and initiate a search for a common compatible video resolution.
2. **HDMI Input:** Connect input port to the HDMI or DVI output of your source equipment such as a Blu-Ray player or set-top box.
3. **HDMI Outputs 1 to 8:** Connect each of the output ports to the HDMI display. When more than one output is connected, the HDMI outputs play an identical video signal simultaneously.
4. **POWER:** Plug the 5V DC power supply into the splitter and connect the adaptor to the AC wall socket.



4. Connection Diagram





5. Specifications

Input	1 x HDMI
Output	8 x HDMI
Power Supply	5V/6A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	435(W) x 160(D) x 45(H)
Gross Weight (g)	800
Net. Weight (g)	580
Chassis Material	Aluminium
Colour	Black
Operating Temperature	Operating from 0°C ~ 48°C



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